

FIG. 1

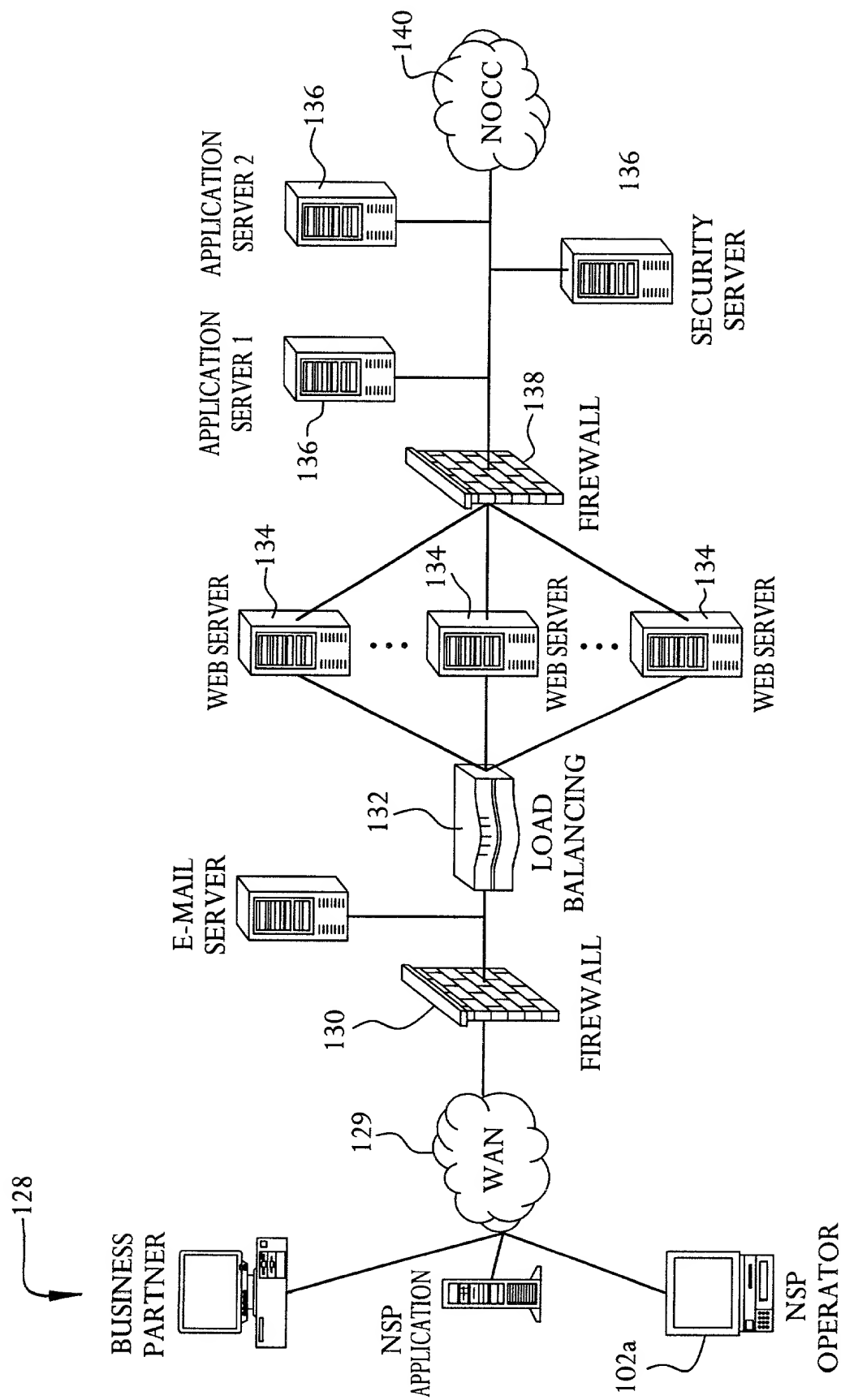


FIG. 2

www.spaceway.com/capacity_management/uplink/detailed.html?%cust=ACME%uplink_cell=23%

File Edit View Go Favorites Help

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit

Address

200

202

Detailed Capacity Allocation
for BBS Customer ACME
Source Uplink Cell: 23

204

Rate

☐ 16 MB

☒ 2 MB

☐ 512 MB

☐ Aggregate

Time Scale

☒ Hourly

☐ Daily

☐ Monthly

☐ Yearly

206

208

Start Time
10 Mar-2001 2 pm

End Time
10 Mar-2001 3 pm

210

212

214

216

Destination	Uplink Cell	Downlink Cell	Scheduled	On Demand	Connectionless
1	1	1	3	2	1
1	2	2	4	1	2
1	3	3	6	3	2
2	4	4	2	4	4
2	1	1	2	2	4
3	4	4	5	1	2
4	3	3	9	4	3
4	2	2	3	2	4
4	1	1	2	3	5

218

Apply

Cancel

Revert

OK

FIG. 3

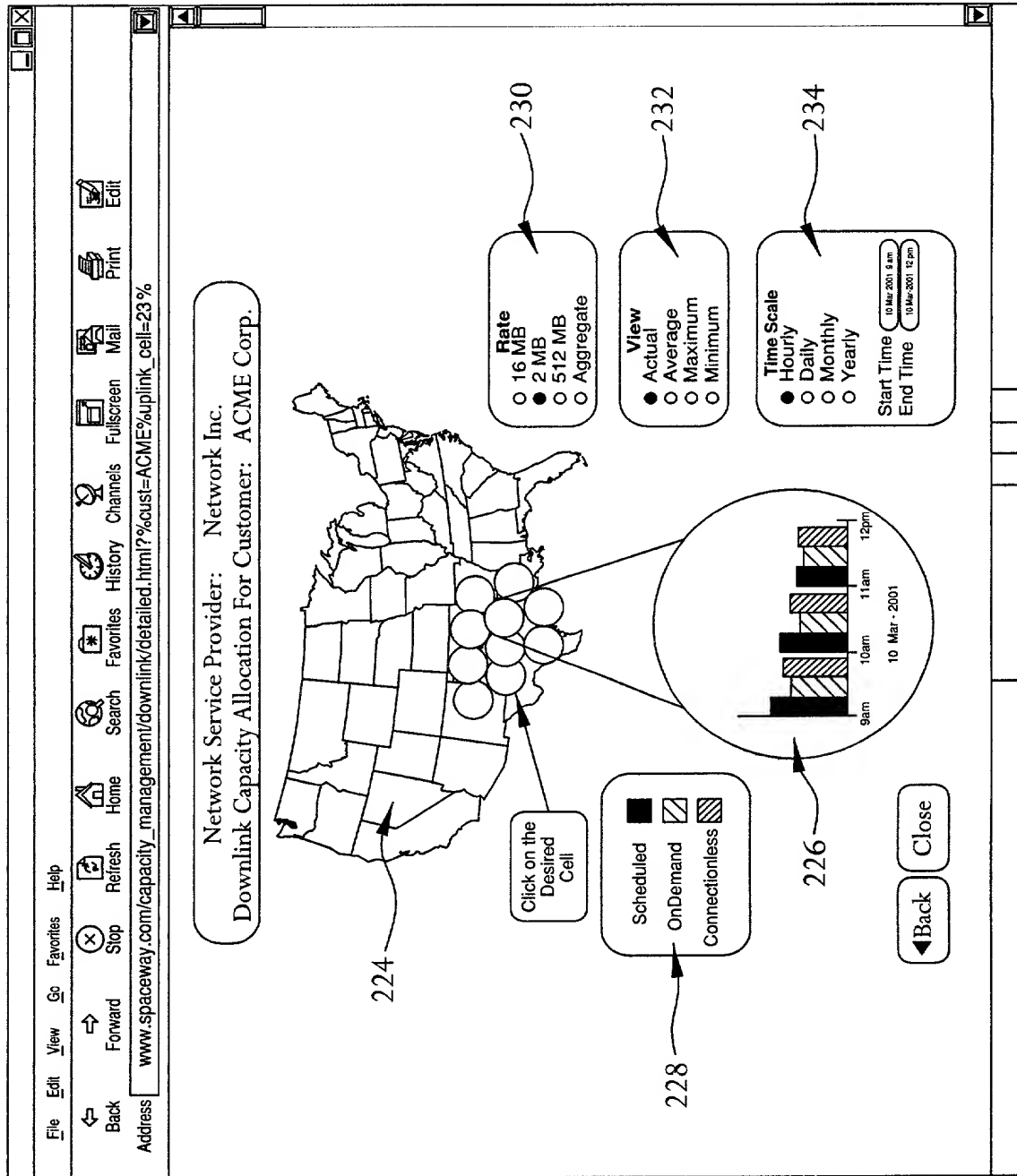


FIG. 4

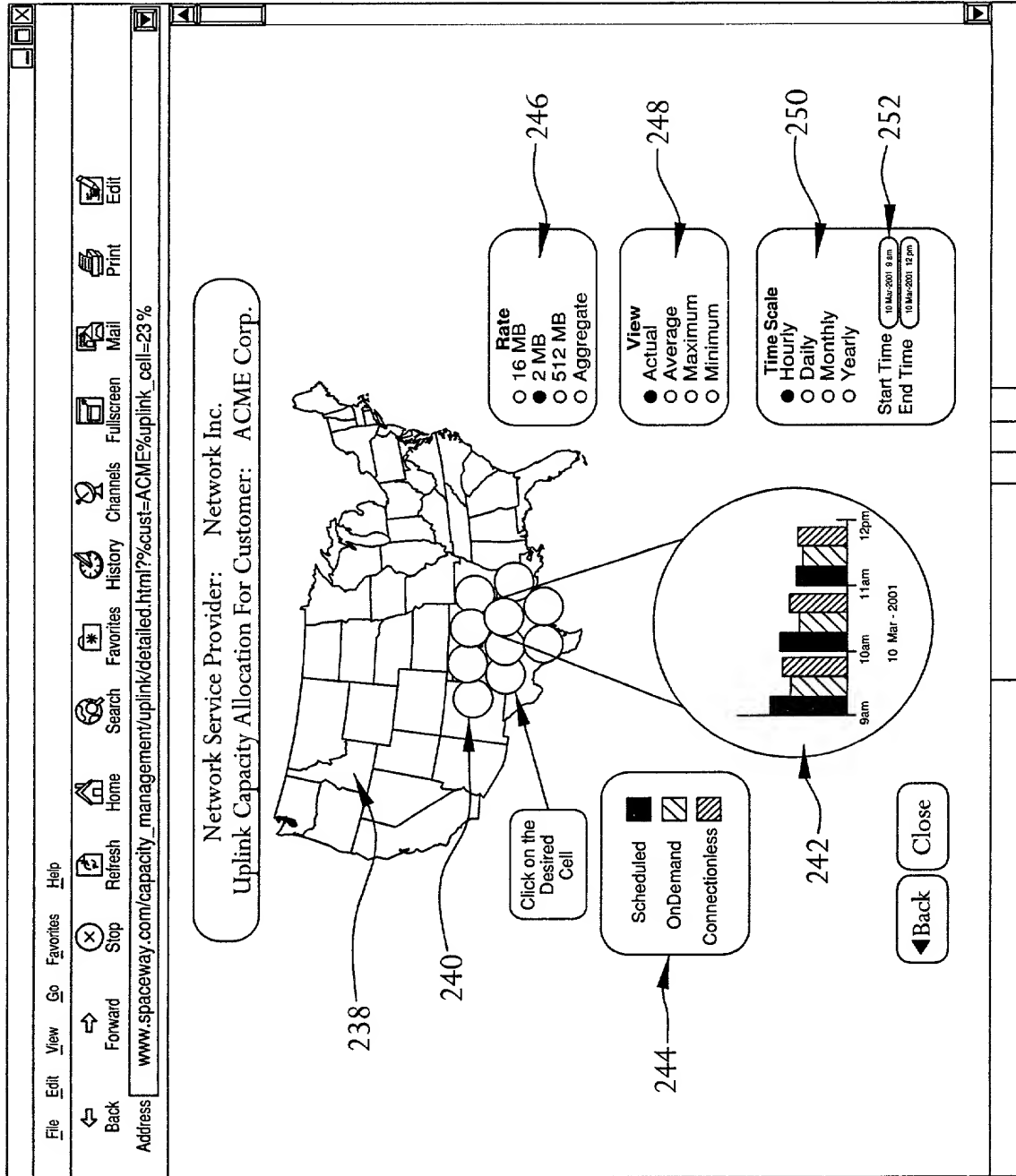


FIG. 5

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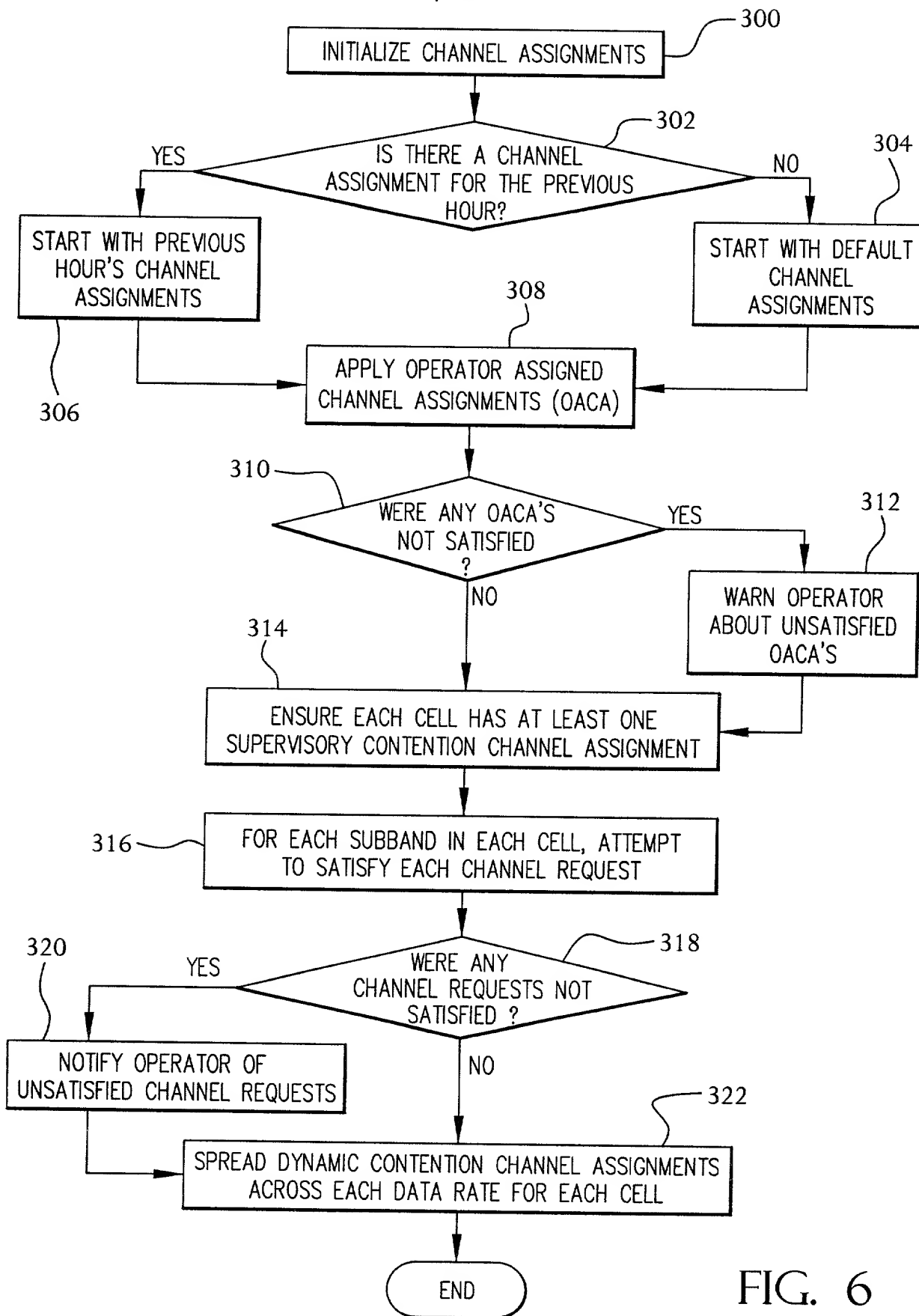


FIG. 6

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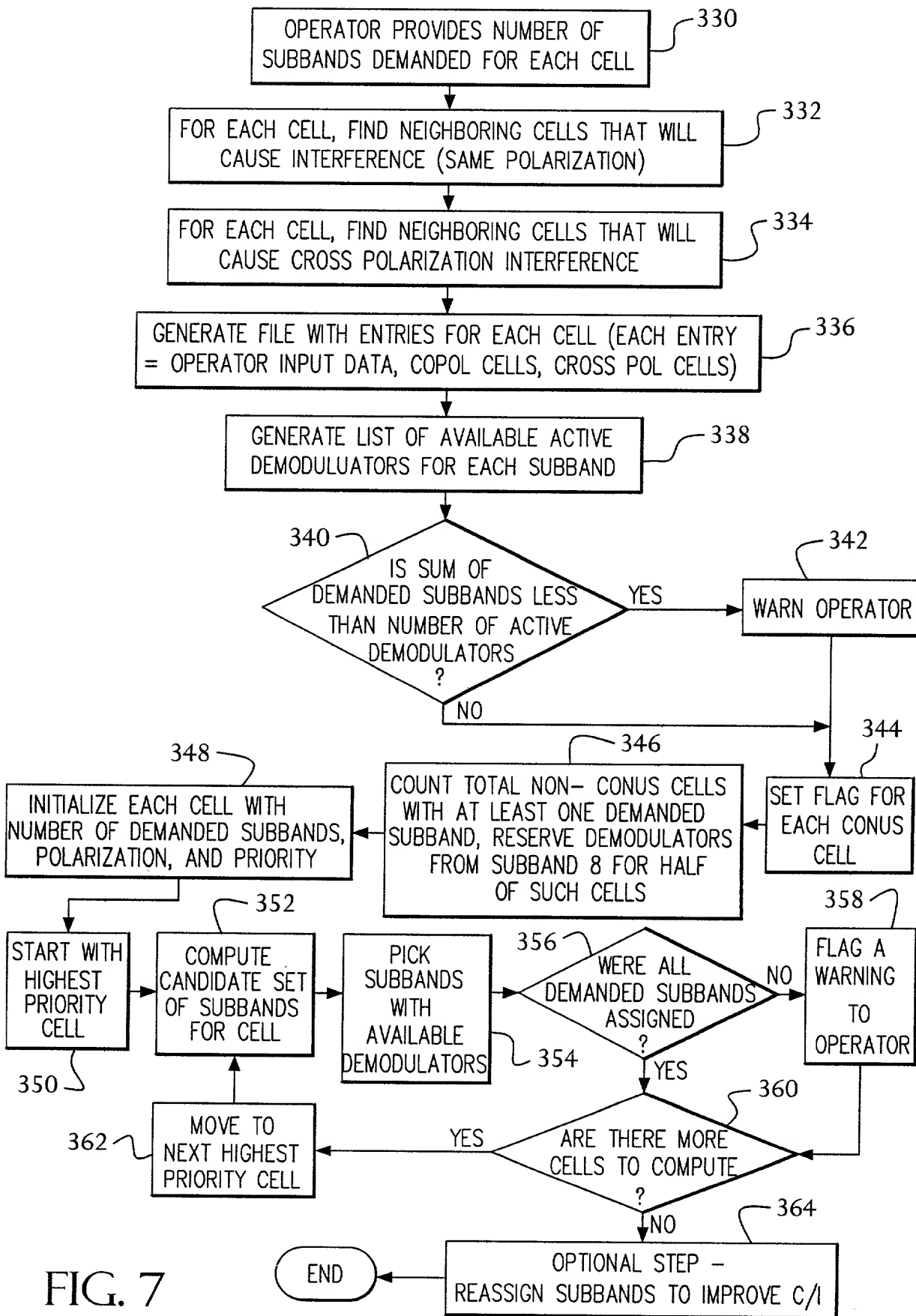


FIG. 7

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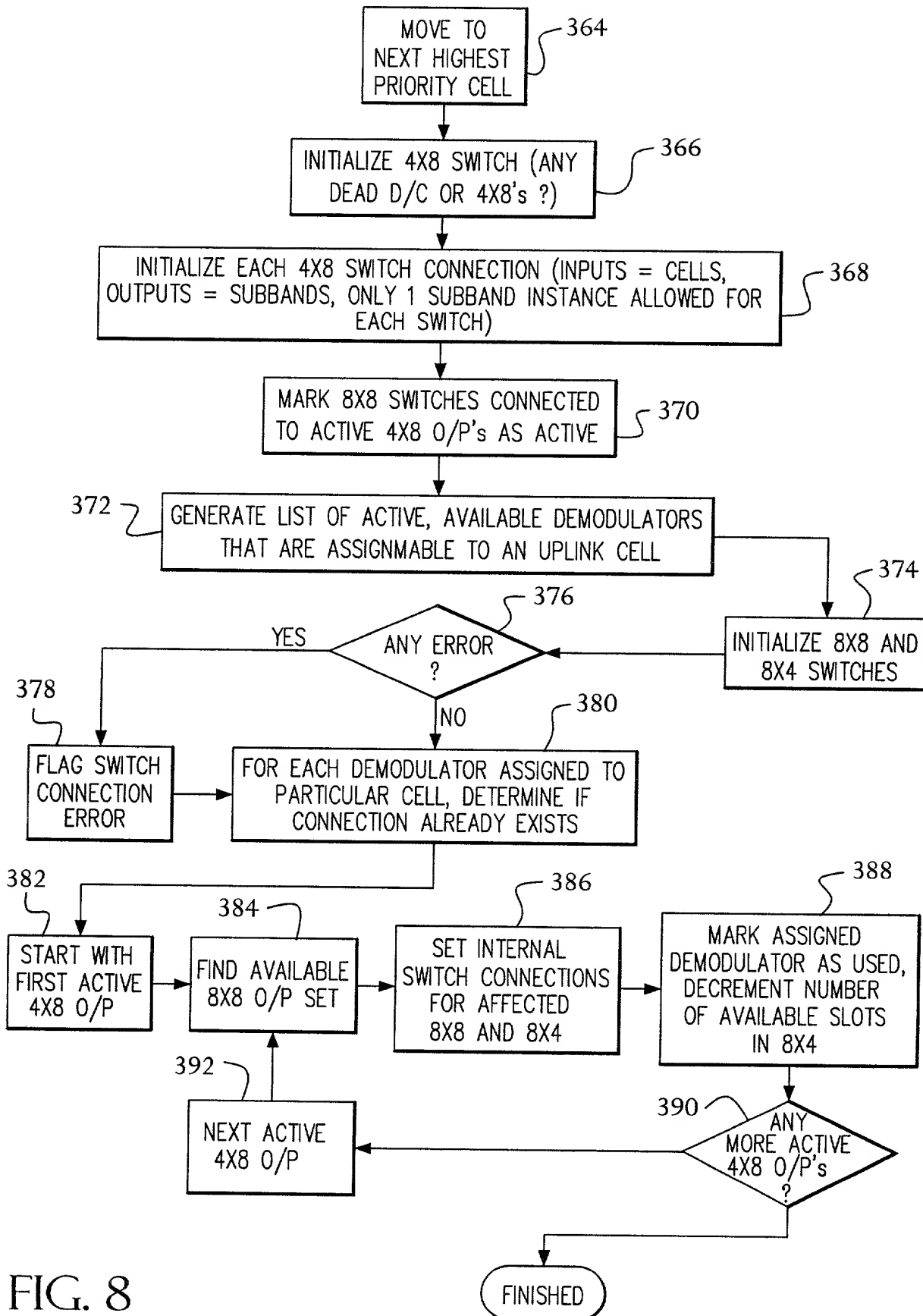


FIG. 8

FIG. 9a

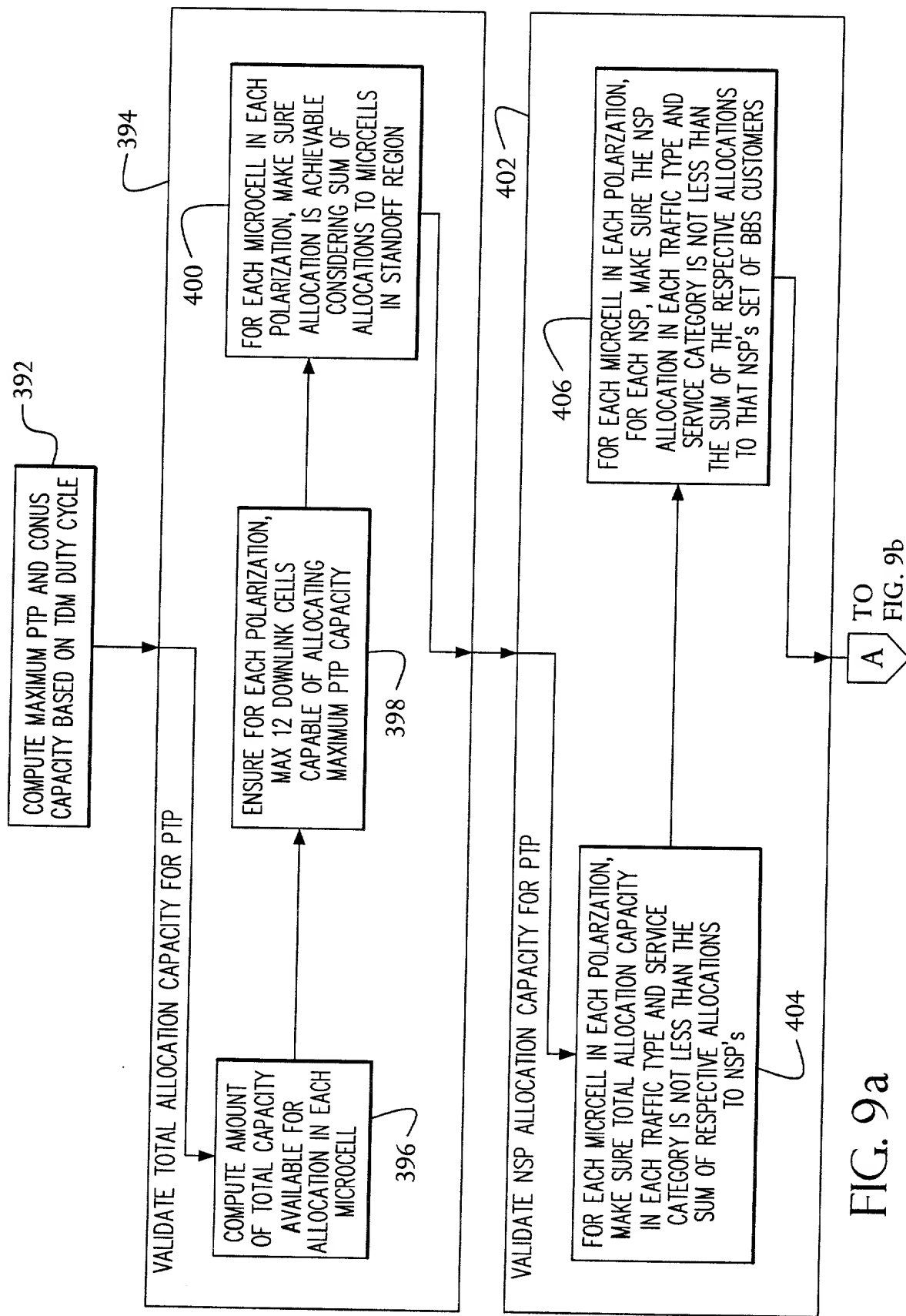


FIG. 9a

FROM
FIG. 9a

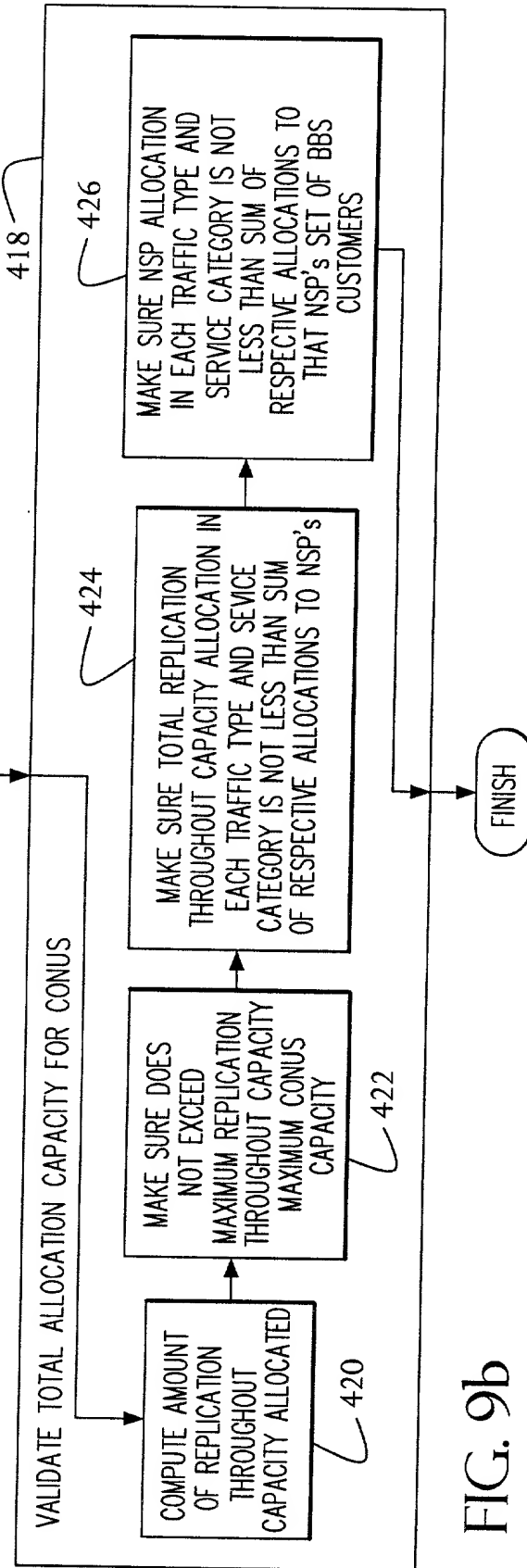
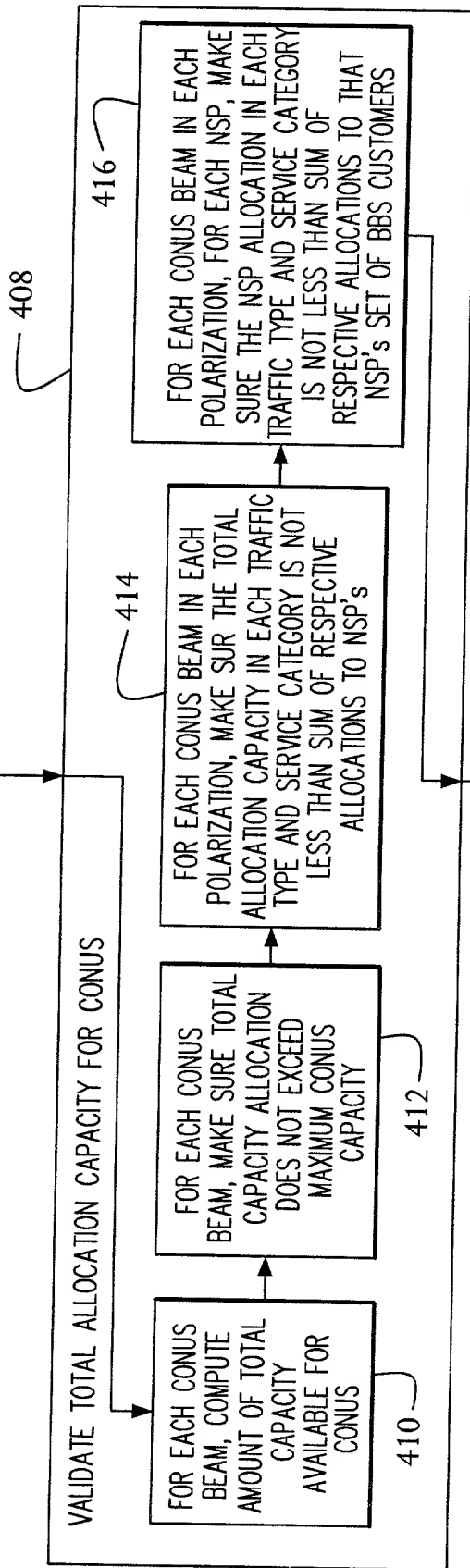
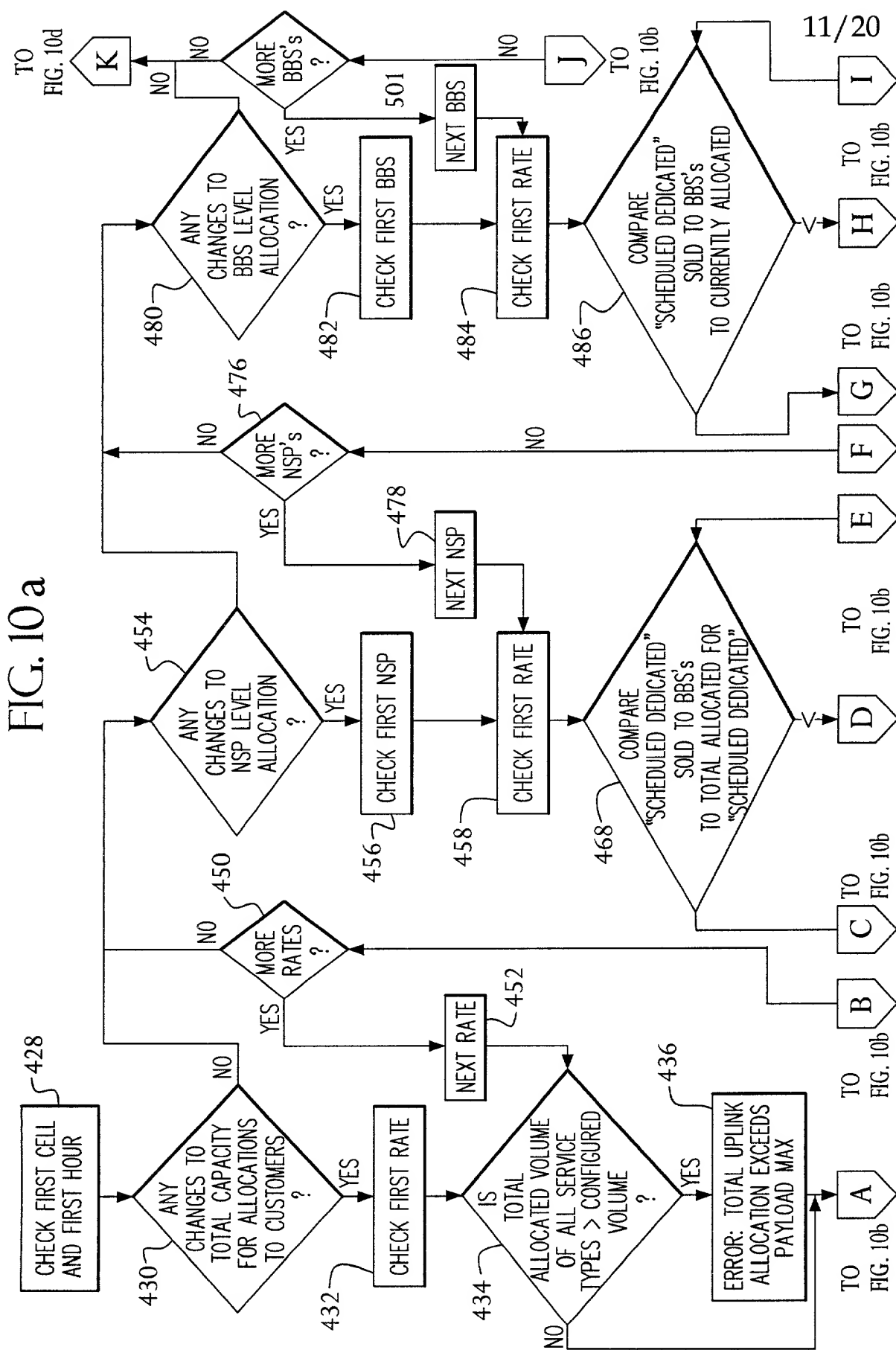
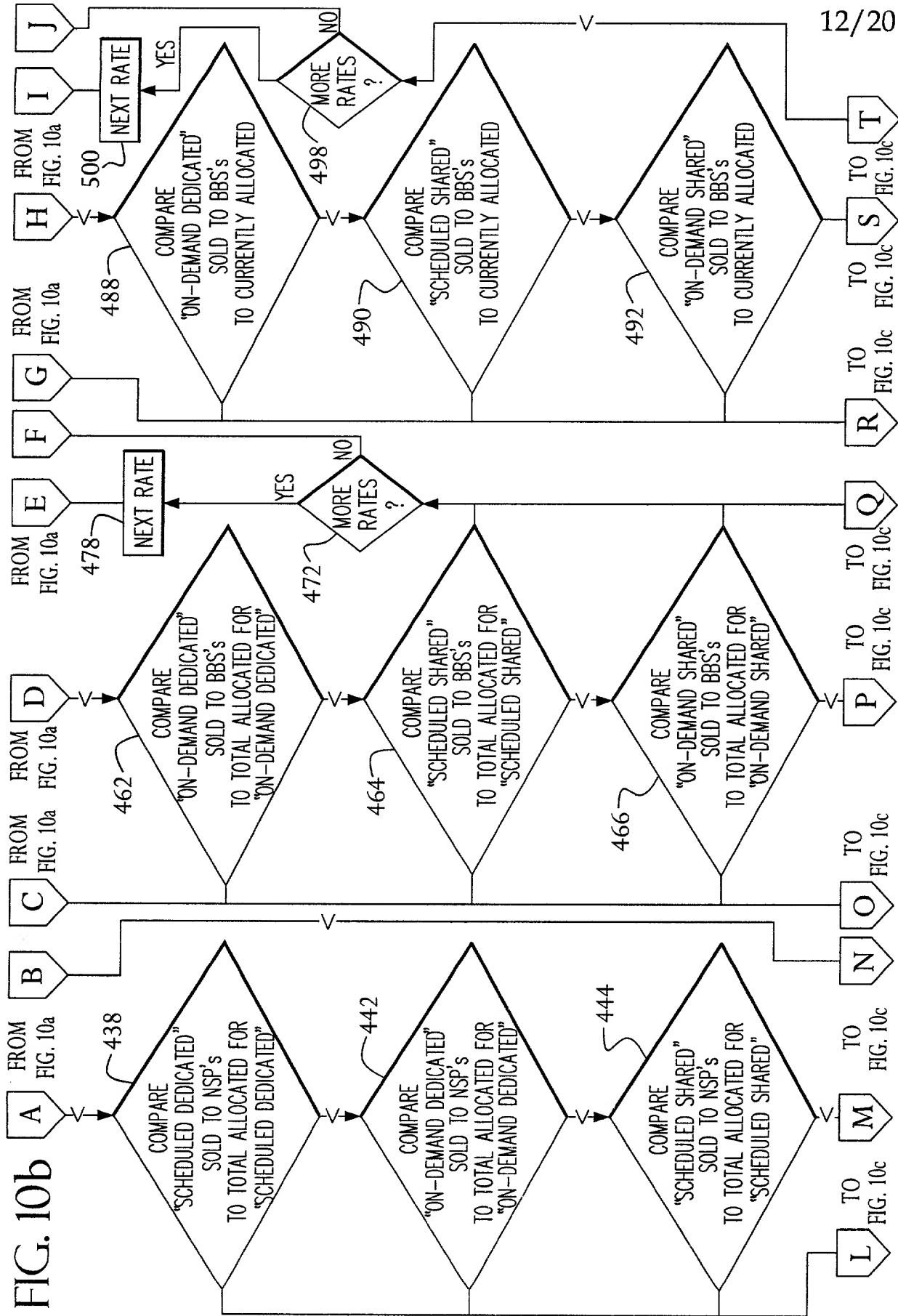


FIG. 9b





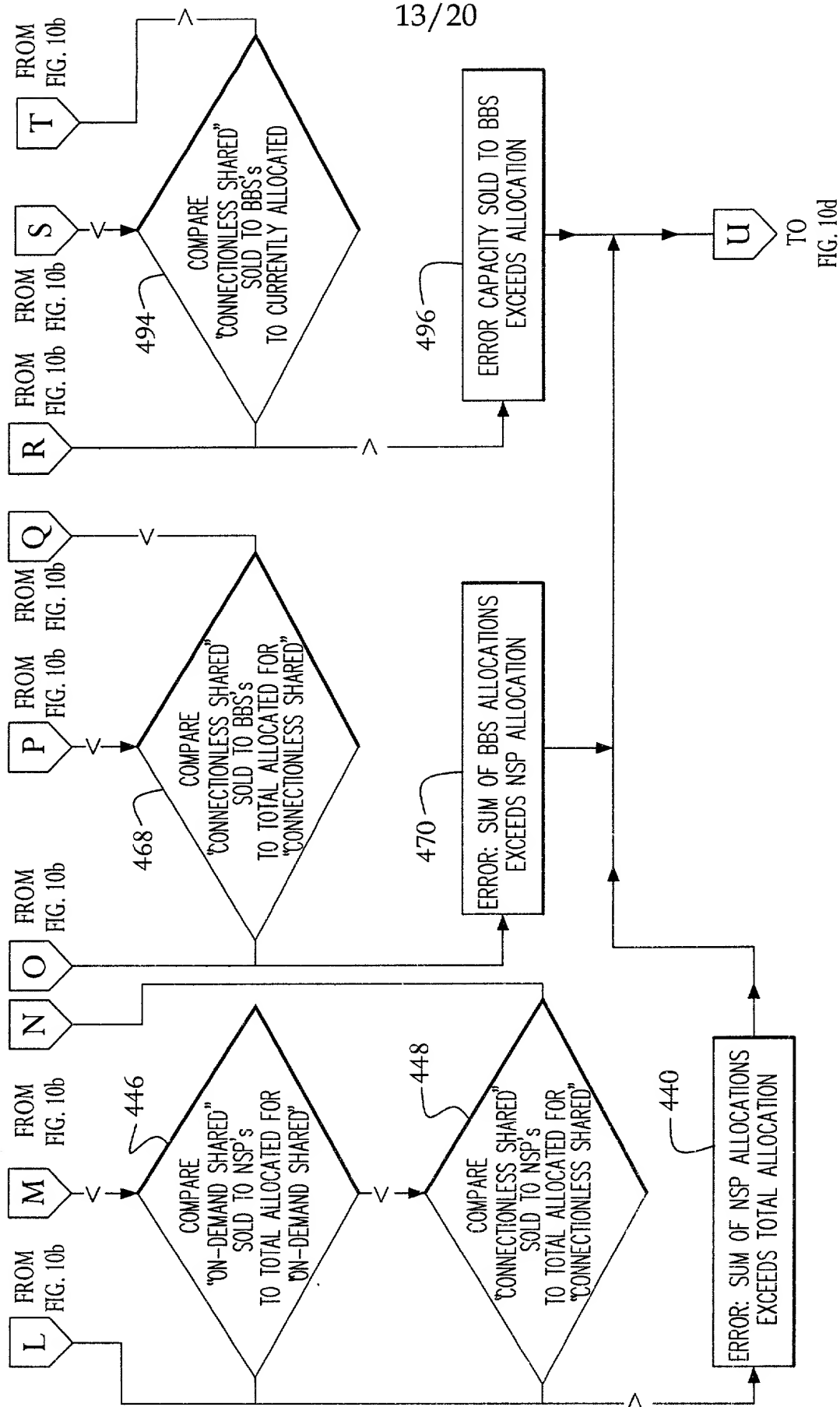


FIG. 10c

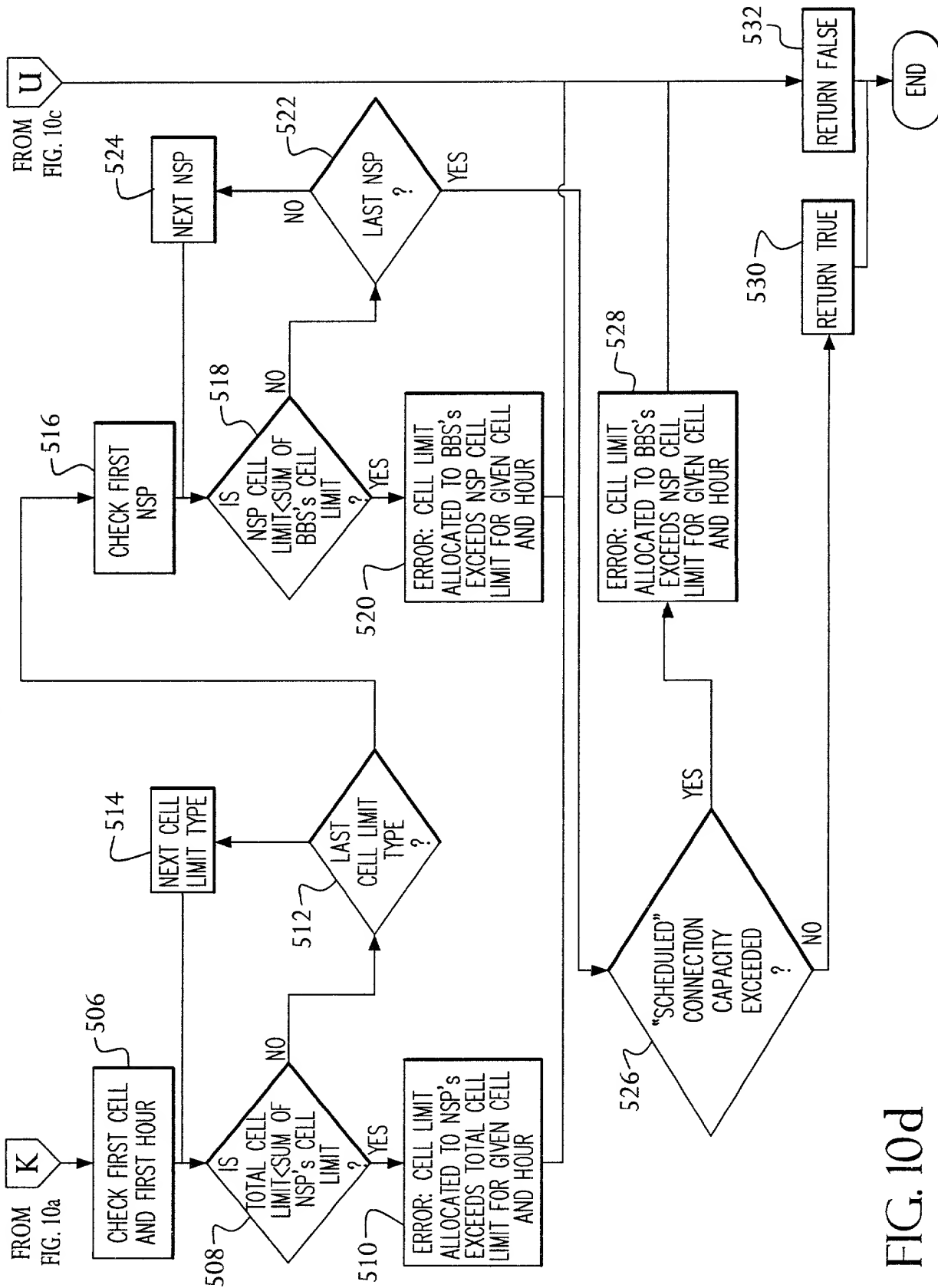
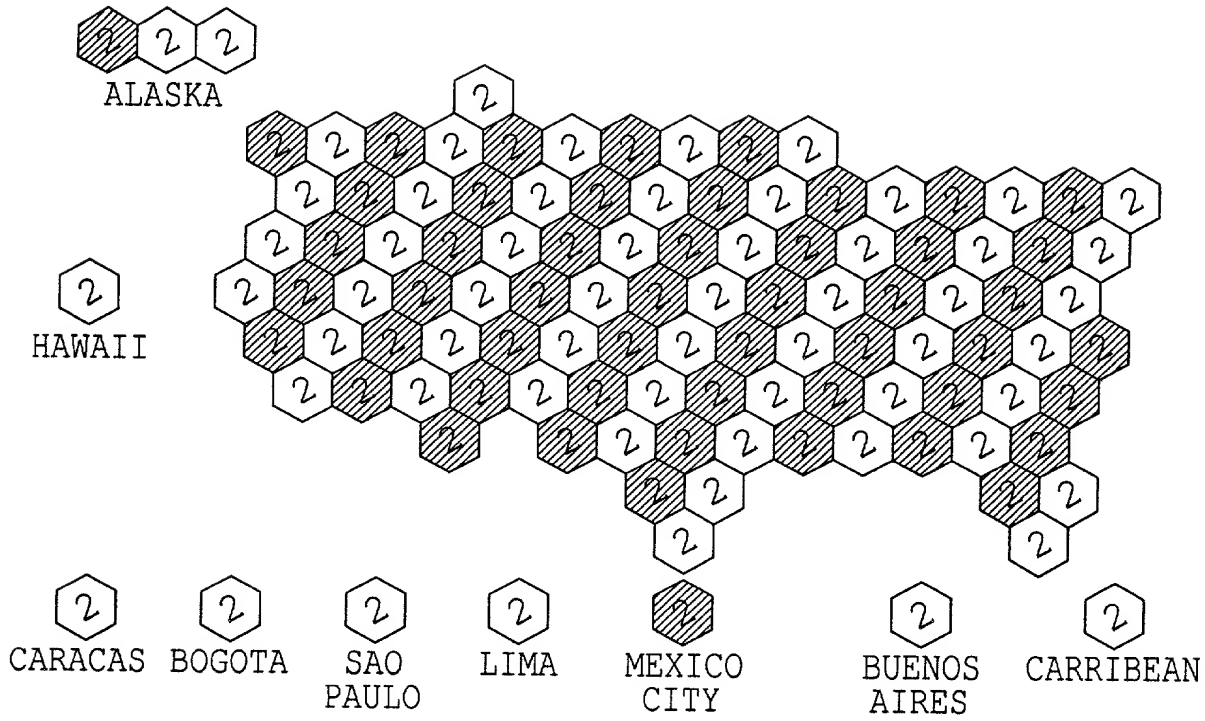
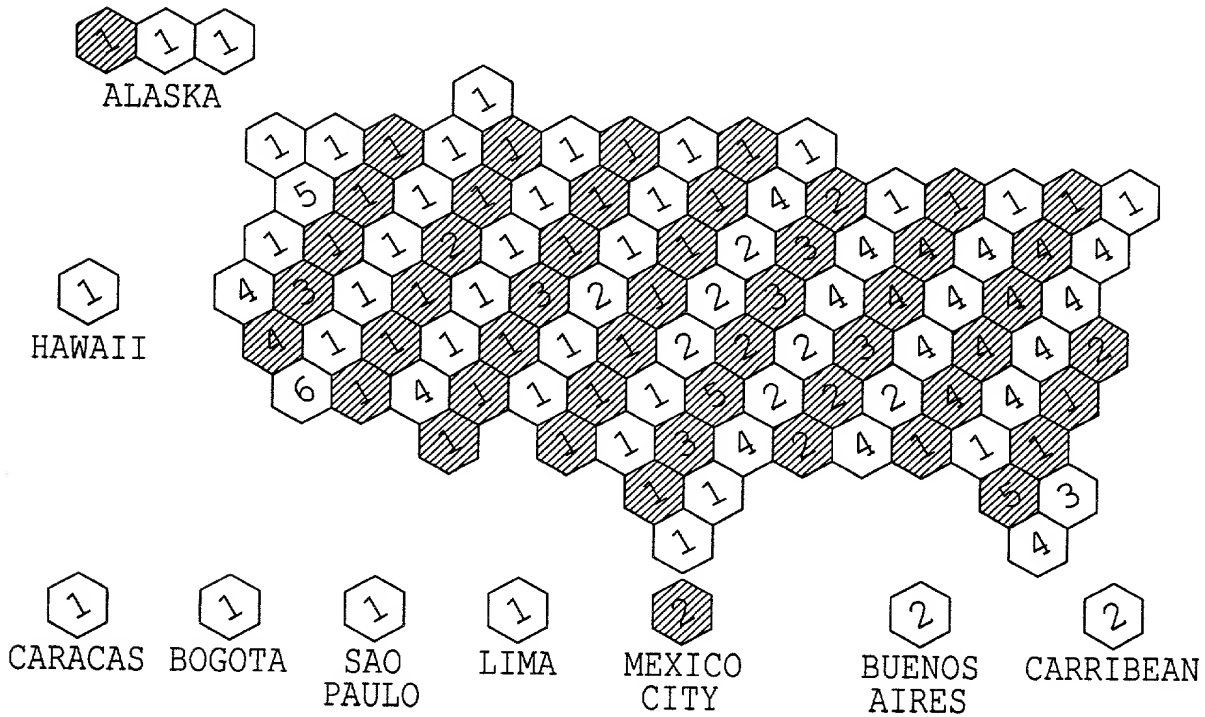


FIG. 10d



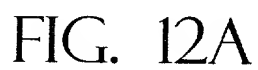
UNIFORM DISTRIBUTION

FIG. 11A



POPULATION DISTRIBUTION

FIG. 11B



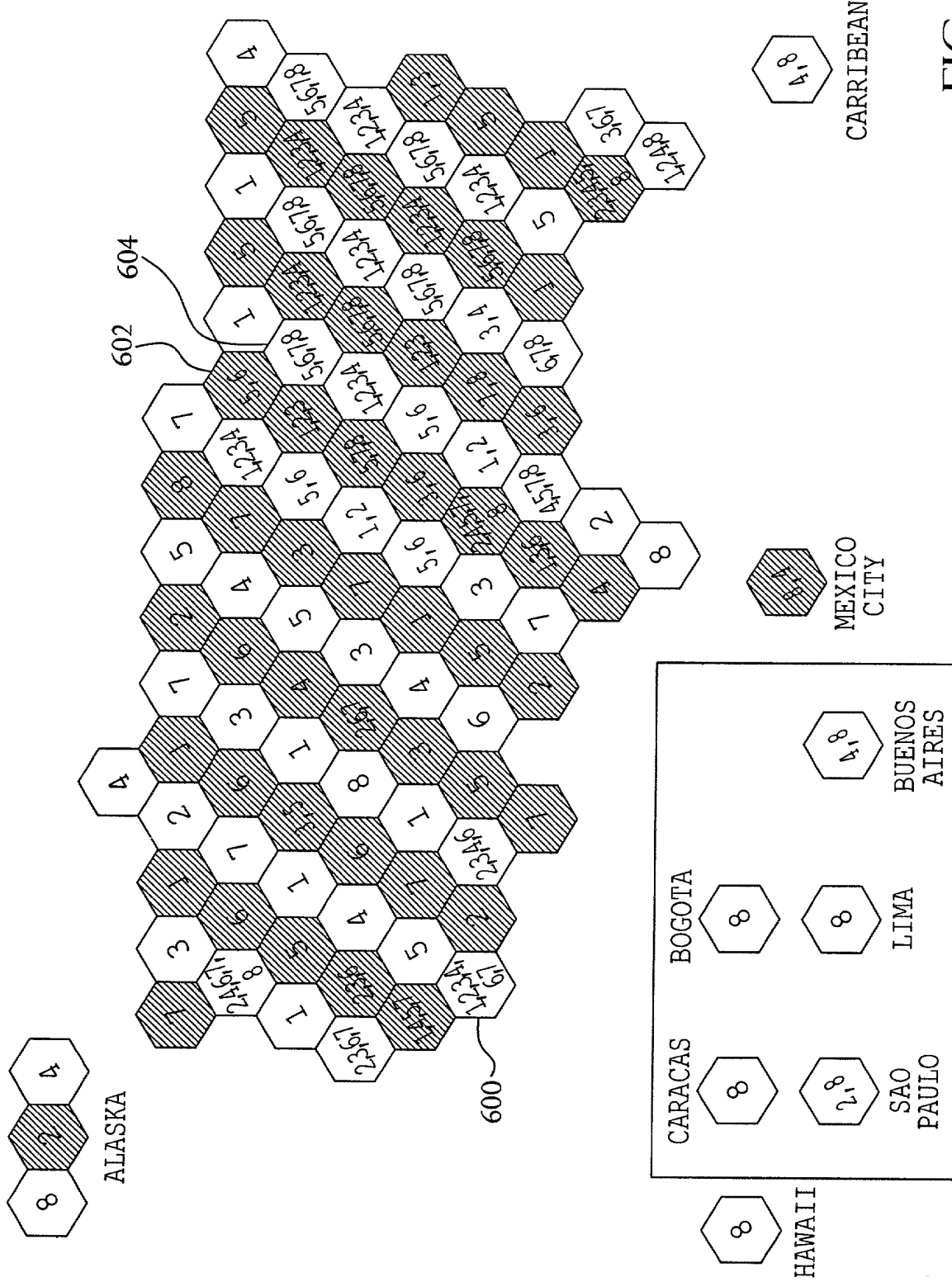
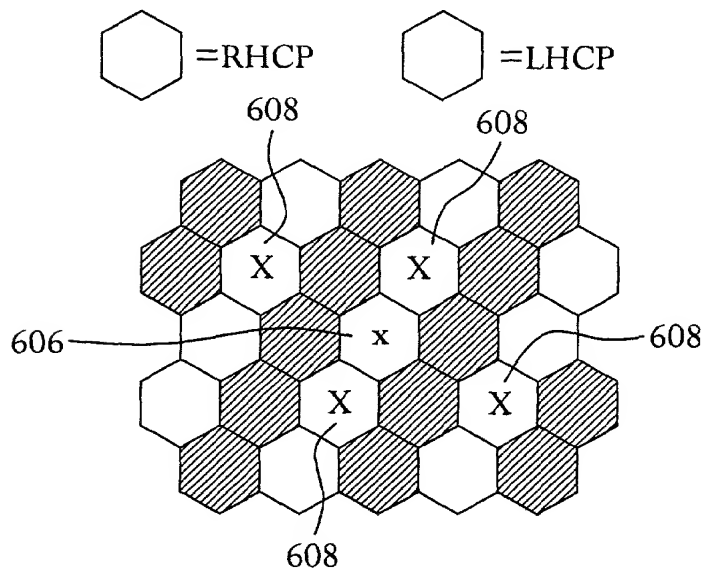


FIG. 12B

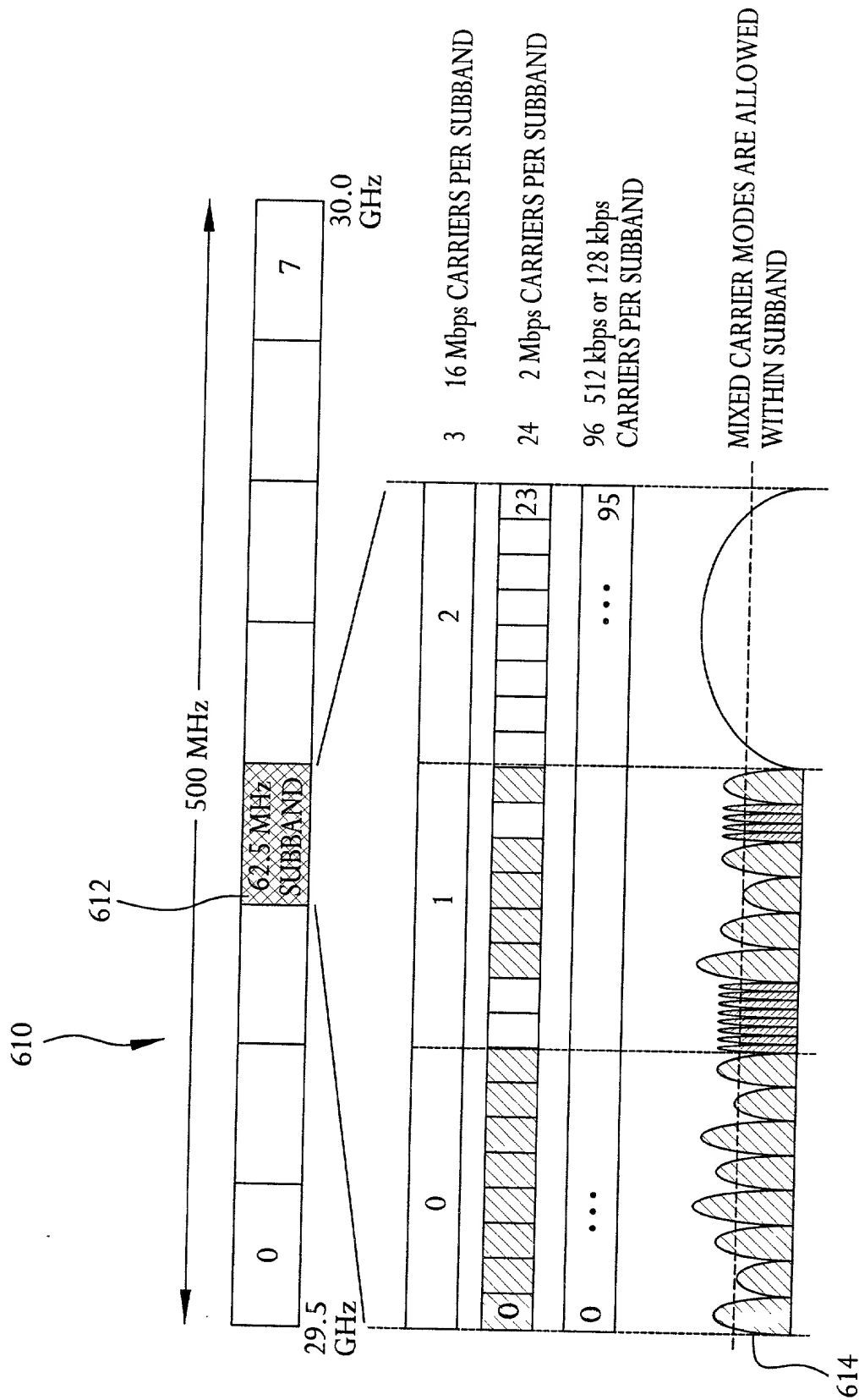
CELLS ALONG DIAGONALS SHARE SAME POLARIZATION



x=CELL OF INTEREST

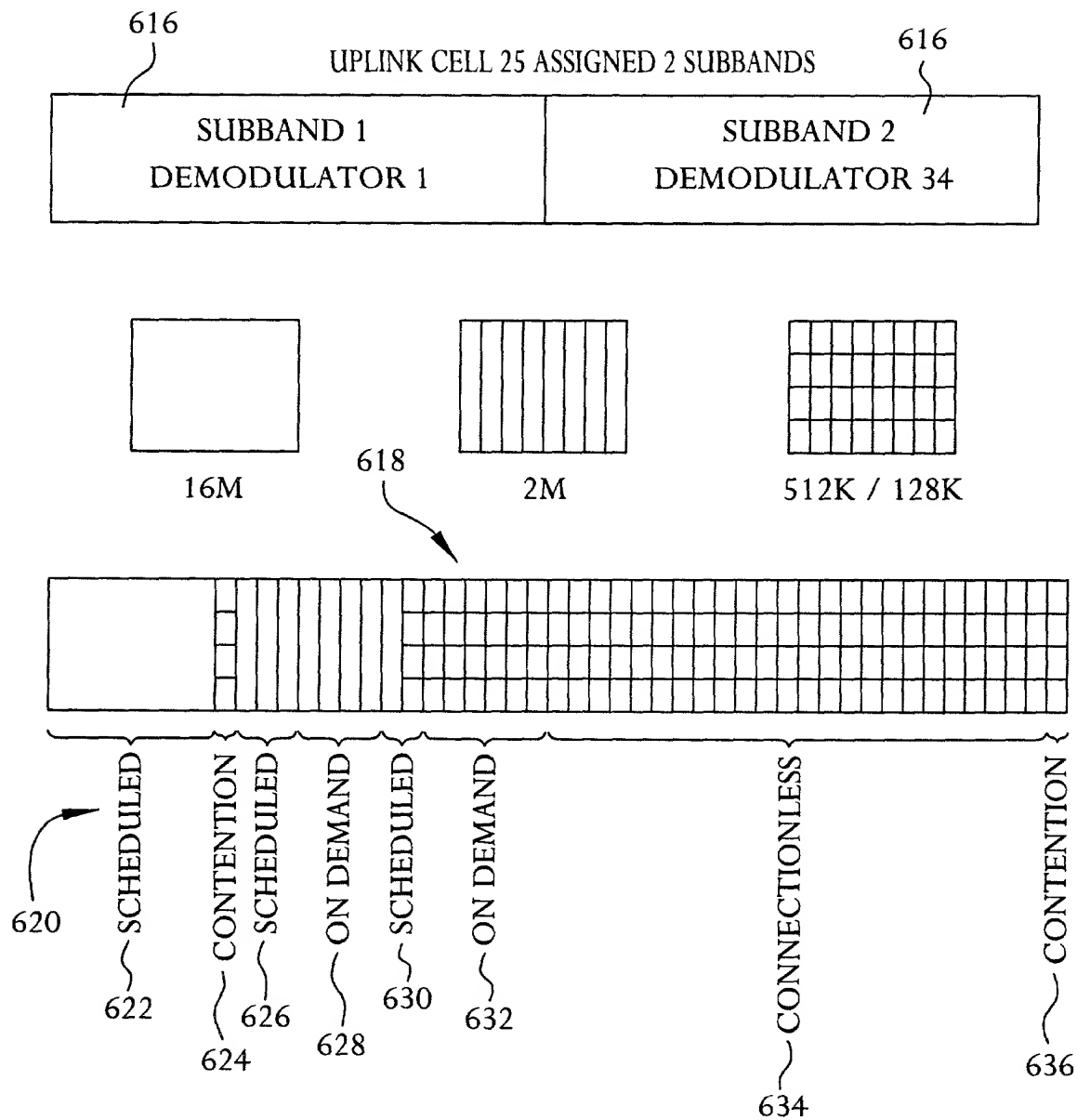
X=INTERFERING CELLS (CELLS THAT CANNOT REUSE SAME SUBBANDS AS CELL x)

FIG. 13



DEMODULATOR CARRIER LAYOUT

FIG. 14



EXAMPLE OF PLANNING SYSTEM CAPACITY RESOURCE ALLOCATIONS BY SERVICE CLASS

FIG. 15